

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Dean L. Engelhardt, et al.

**Serial No.:** 532,461

**Art Unit:**

**Filed:** May 31, 1990

**Examiner:**

**Atty. Docket No.:** Enz-5 (Div. 6)

**Title:** Modified Nucleotides, Methods of Preparing and  
Utilizing and Compositions Containing the Same

July 10, 1990  
New York, New York

APPLICANT DEAN L. ENGELHARDT'S DECLARATION  
UNDER SECTION 152 OF THE ATOMIC ENERGY ACT  
OF 1954 (42 U.S.C. 2182)

I, Dean L. Engelhardt, hereby declare that:

1. I am the applicant named in the above-identified patent application and an inventor of the composition and methods disclosed and claimed therein.

2. I was, at the time of the filing of the captioned application employed by Enzo Biochem, Inc., the assignee of this patent application.

3. As part of my work for Enzo Biochem, Inc., I have carried out research activities directed toward radioactive labeling of diagnostic and therapeutic agents that can be used in medical diagnosis and treatment.

4. I conceived of and made the invention, disclosed and claimed in this patent application, in the course of carrying out such research activities at Enzo Biochem facilities in New York, NY.

5. The invention described and claimed in this patent application was not made or conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the

**Enz-5 (Div. 6)**

benefit of the United States Atomic Energy Commission, or its successors, the United States Energy Research and Development Administration or the United States Department of Energy.

6. I declare further that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

June 25, 1990  
Date

Dean L. Engelhardt  
Dean L. Engelhardt

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New York, New York

**APPLICANT ELAZAR RABBANI'S DECLARATION  
UNDER SECTION 152 OF THE ATOMIC ENERGY ACT  
OF 1954 (42 U.S.C. 2182)**

I, Elazar Rabbani, hereby declare that:

1. I am the applicant named in the above-identified patent application and an inventor of the composition and methods disclosed and claimed therein.
2. I was, at the time of the filing of the captioned application employed by Enzo Biochem, Inc., the assignee of this patent application.
3. As part of my work for Enzo Biochem, Inc., I have carried out research activities directed toward radioactive labeling of diagnostic and therapeutic agents that can be used in medical diagnosis and treatment.
4. I conceived of and made the invention, disclosed and claimed in this patent application, in the course of carrying out such research activities at Enzo Biochem facilities in New York, NY.
5. The invention described and claimed in this patent application was not made or conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the

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benefit of the United States Atomic Energy Commission, or its successors, the United States Energy Research and Development Administration or the United States Department of Energy.

6. I declare further that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

JUN 25 1990  
Date

  
Elazar Rabbani

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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New York, New York

**APPLICANT JANNIS G. STAVRIANOPOULOS'S DECLARATION  
UNDER SECTION 152 OF THE ATOMIC ENERGY ACT  
OF 1954 (42 U.S.C. 2182)**

I, Jannis G. Stavrianopoulos, hereby declare that:

1. I am the applicant named in the above-identified patent application and an inventor of the composition and methods disclosed and claimed therein.

2. I was, at the time of the filing of the captioned application employed by Enzo Biochem, Inc., the assignee of this patent application.

3. As part of my work for Enzo Biochem, Inc., I have carried out research activities directed toward radioactive labeling of diagnostic and therapeutic agents that can be used in medical diagnosis and treatment.

4. I conceived of and made the invention, disclosed and claimed in this patent application, in the course of carrying out such research activities at Enzo Biochem facilities in New York, NY.

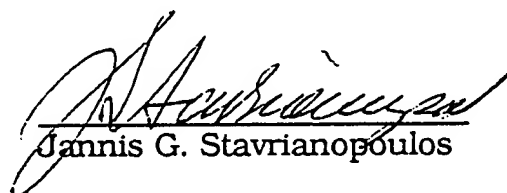
5. The invention described and claimed in this patent application was not made or conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the

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benefit of the United States Atomic Energy Commission, or its successors, the United States Energy Research and Development Administration or the United States Department of Energy.

6. I declare further that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

6/21/92  
Date

  
Jannis G. Stavrianopoulos

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New York, New York

APPLICANT DOLLIE KIRTIKAR'S DECLARATION  
UNDER SECTION 152 OF THE ATOMIC ENERGY ACT  
OF 1954 (42 U.S.C. 2182)

I, Dollie Kirtikar, hereby declare that:

1. I am the applicant named in the above-identified patent application and an inventor of the composition and methods disclosed and claimed therein.

2. I was, at the time of the filing of the captioned application employed by Enzo Biochem, Inc., the assignee of this patent application.

3. As part of my work for Enzo Biochem, Inc., I have carried out research activities directed toward radioactive labeling of diagnostic and therapeutic agents that can be used in medical diagnosis and treatment.

4. I conceived of and made the invention, disclosed and claimed in this patent application, in the course of carrying out such research activities at Enzo Biochem facilities in New York, NY.

5. The invention described and claimed in this patent application was not made or conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the

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benefit of the United States Atomic Energy Commission, or its successors, the United States Energy Research and Development Administration or the United States Department of Energy.

6. I declare further that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

6/21/90

Date

Dollie Kirtikar

Dollie Kirtikar



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New York, New York

APPLICANT STANLEY KLINE'S DECLARATION  
UNDER SECTION 152 OF THE ATOMIC ENERGY ACT  
OF 1954 (42 U.S.C. 2182)

I, Stanley Kline, hereby declare that:

1. I am the applicant named in the above-identified patent application and an inventor of the composition and methods disclosed and claimed therein.

2. I was, at the time of the filing of the captioned application employed by Enzo Biochem, Inc., the assignee of this patent application.

3. As part of my work for Enzo Biochem, Inc., I have carried out research activities directed toward radioactive labeling of diagnostic and therapeutic agents that can be used in medical diagnosis and treatment.

4. I conceived of and made the invention, disclosed and claimed in this patent application, in the course of carrying out such research activities at Enzo Biochem facilities in New York, NY.


5. The invention described and claimed in this patent application was not made or conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the

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benefit of the United States Atomic Energy Commission, or its successors, the United States Energy Research and Development Administration or the United States Department of Energy.

6. I declare further that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7/16/90  
Date

  
Stanley Kline